PTO/SB/08A (04-03) Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE

RAPEN Breef the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Complete if Known

Application Number 10/605,493

Filing Date 10/2/03

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Application Number 10/605,493

Filing Date 10/2/03 |

First Named Inventor Hall et al.

Art Unit 2833 :

Examiner Name TA

				Examiner Name	1/4	
Sheet	1	0	1	Attorney Docket Numl	per 66.0037	
				U. S. PATENT DOCUMENTS		· · ·

			U. S. PATENT D	OCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (F known)</sup>	MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
<del>.</del>		US-		·		
	<del> </del>	US-				
**************************************	<del> </del>	US-				
		us-				
		US-				
		US-				
		US-				
		US-		· · · · · · · · · · · · · · · · · · ·		
<del></del>		US-		·		
···		US-				
		US-				
		US-				
		US-				
		US-				
····		US-				
<del> </del>	1	US-				
<del></del>		US-		· · · · · · · · · · · · · · · · · · ·		
		US-				
0.0	<u> </u>	US-		<del></del>		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear			
		Country Code <sup>3</sup> Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			T°		
TdT		E0399987 A1	11-28-1990	Smet-Hole, Naamloze Vennootschap				
		W8801096	02-11-1988	Contrology Products Limited				
V		WO9014497	11-29-1990	Eastman Christensen				
						_		
						_		
	1					ł		

Examiner Signature	Wood	arta	Date Considered	1/19/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation 4f not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents; the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paparent Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 4497 FIANE WA

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

2

Complete if Known

Application Number 10/605,493

Filing Date 10/2/03

First Named Inventor Hall et al.

Art Unit 2833

Examiner Name Tho Dac Ta

Attorney Docket Number 66.0037

<u></u> -			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite . No.'	Document Number  Number-Kind Code <sup>2 (F brown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TOTT		<sup>US-</sup> 3,518,609	06-30-1970	Fontenot, Jr.	
1		<sup>US-</sup> 3,693,133	09-19-1972	Harbonn et al.	
		US- 4,676,563	06-30-1987	Curlett et al.	
		us- 4,690,212	09-01-1987	Termohlen	
		<sup>US-</sup> 4,799,544	01-24-1989	Curlett	
1		<sup>US-</sup> 6,367,564	09-09-2002	Mills et al.	
1		US- 6,688,396	02-10-2004	Floerke et al.	
		US-			
	Ĭ.	US-			
	-	US-			
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)	MM-DD-YYYY		Or Relevant Figures Appear	T°			
TdT		GB 2361113 A	10-10-2001	Tronic Limited					
V		WO 01/21932 A1	03-29-2001	Vermeer Manufacturing Company	****				
						_			
	•					$\vdash$			
						<del> </del>			

Examiner Signature	"Underta"	Date Considered	1/19/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		iction A	a or 1995, no persons er	e required to respond to a conscitori	of information unless it contains a valid OMB control number.  Complete if Known
Substitute for	form 1449/PTO			Application Number	10/605,493
INFOR	MATION	DIS	CLOSURE	Filing Date	10/2/03
STATE	MENT B	YA	PPLICANT	First Named Inventor	Hall et al.
				Art Unit	2833
(	Use as many she	ets as n	ecessary)	Examiner Name	Tho Dac Ta
Sheet 2		of	2	Attorney Docket Number	66.0037

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*							
101		USPTO Office Action for U.S. Patent Application 10/430,734, filed 05-06-2003; mailed 09-21-2004.					
*							
		*					
			<u> </u>				
Examiner	ſ	7/1-20, Te Date 1/1/9/15					

45 V 2 4 4 1 1 1 5 G . 4 .	that is reference against and whether or not citation in in conformance with MOED 600	Oraw line through c	itation if not in conformance and not
Signature	moderce	Considered	0/10/03
Examiner	$\neg 1$ . $1 \circ 7$ .	Date	1/19/2

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.